

LCD Backlights
Abstract Doc

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Category: Light Guide\Wedge, Light Guide\Structure on Top Surface, Enhance. Film\Prism Down,
Advantage\Brightness, Advantage\Viewing Angle

Category Definition: 

[Link to Atlas Electronic Library Translation Services](#)

Title:

Optical control sheet used in projecting irradiation light from light source device, liquid crystal display device - has prismatic surface which consists of several symmetrically formed prisms, by which outer side of boundary surface of each prism are assumed to be curved surfaces of recess

Patent Assignee:

KONICA CORP

KONS

Abstract:

Abstract (Basic): JP 09138301A

The control sheet (13) has a prismatic surface that consists of several prisms (13a) that are symmetrically formed, in substantially straight line. Each prism have two boundary surfaces by which the vertex serves as the boundary.

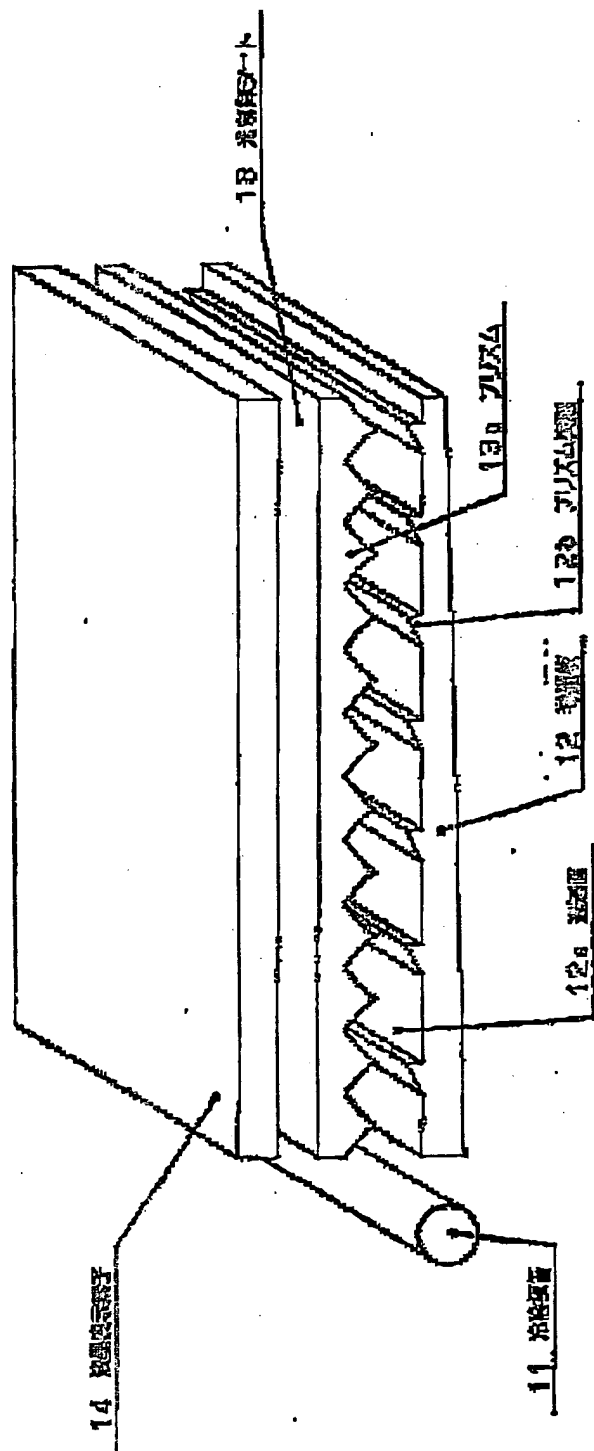
The outer side of the boundary surface is assumed to be the curved surface of a recess. The light radiated to the prismatic surface is projected from one surface to the other.

ADVANTAGE - Provides control sheet that can control maximum brightness, mesial magnitude angle and side lobe light. Enables variation of projection light brightness profile. Reduces moire effect between liquid crystal cell and control sheet by providing diffusion sheet.

Dwg. 1/12

Clipped Images:

Engineering Drawing:



Patent Family: If available, click on fulltext doclink to view the associated fulltext/image doc.

| Fulltext Doclink | Cntry | Serial | Kind | Date | Week | Pages | Lang |
|---------------------|-------|----------|------|----------|--------|-------|------|
| | JP | 09138301 | A | 19970527 | 199731 | 010 | |

Priorities:

| Country | Serial | Date | Type |
|---------|--------|------|------|
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JP 0293905 19951113 A

Application, Citations, Coding Information, Index Terms:

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